

**Dit.A REQUEST FOR PROPOSAL  
FOR  
PERSONAL SERVICES CONTRACT**

Department of Highways  
Professional Services Procurement Bulletin 2012-09  
Calloway /KY 893/ 1-1132.00  
Graves / CR 1194 / 1-1137.00

This document constitutes a Request for Proposals for Personal Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

**I. PROJECT DESCRIPTION**

- A. County – Calloway  
Route –KY 893  
Item No – 1-1132.00  
Project Description – Bridge replacement on KY 893 over McCullough Fork
  
- B. County – Graves  
Route – CR 1194  
Item No – 1-1137.00  
Project Description – Bridge replacement on CR 1194 over Caldwell Creek

**II. PROJECT INFORMATION**

Project Manager – Michael McGregor, PE  
User Division – Division of Highway Design

- A. Approximate Fee – \$90,000.00  
Project Funding – (BRX)  
Project Length – 0.1 miles
  
- B. Approximate Fee – \$160,000.00  
Project Funding – (BRZ)  
Project Length – 0.1 miles

**III. PURPOSE AND NEED**

- A. The purpose of this bridge replacement project is to replace a 43 year old, single span (22 feet total length) Prestressed Concrete Box Girder Bridge (018B00080N) in order to provide a safe, reliable roadway. The existing bridge on KY 893, mp 22.92, over McCullough Fork has a sufficiency rating of 11.3. The structure width is 22.6 feet curb to curb with an approaching roadway width of 18 feet including shoulders. The top of the beams serve as the wearing surface and random cracking and spalling have become more evident. The timber piles in bent 2 are considerably out of alignment due to heavy rotation. The bridge replacement will improve safety and the substandard condition of

the bridge.

- B. The purpose of this bridge replacement project is to replace a 28 year old, 3-span (65' total length) Timber Bridge (042C00252N) in order to provide a safe, reliable roadway. The existing bridge on CR 1194, mp 0.67, over Caldwell Creek has a sufficiency rating of 23.5. The structure width is 14.8 feet curb to curb with an approaching roadway width of 16 feet including shoulders. There is moderate to heavy decay and weather splitting in the timber decking, stringers and piles. The bridge replacement will improve safety and the substandard condition of the bridge.

#### **IV. DBE REQUIREMENT**

None

#### **V. SCOPE OF WORK**

1. Conduct Preliminary Engineering Studies to identify appropriate typical section, line and grade, and dependable cost estimates.
2. The selected Consultant will be required to provide engineering services to perform Phase I and II Roadway Design; including drainage design, right-of-way plans, construction plans, traffic control plans, cost estimates, and structure plans.

#### **VI. SPECIAL INSTRUCTIONS**

One (1) consultant will be selected to provide services for both projects A and B.

The Department may retain any of the advertised services to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

#### **VII. AVAILABLE STUDIES**

[1-1132 Bridge Inspection Report.pdf](#)

[1-1137 Bridge Inspection Report.pdf](#)

#### **VIII. METHOD OF DESIGN**

The selected Consultant shall develop highway plans utilizing the most recent CADD Standards for Highway Plans Policy.

#### **IX. PHOTOGRAMMETRIC SERVICES**

Photogrammetry is not required. The Department will provide survey data.

#### **X. ENVIRONMENTAL**

The Department will provide all necessary Environmental Services required for this project. A CE Level 1 is anticipated for both projects.

#### **XI. GEOTECHNICAL SERVICES**

The Department will provide all Geotechnical Services required for the project.

#### **XII. STRUCTURE DESIGN**

The Selected Consultant shall provide the necessary engineering service to submit an Advanced Situation Folder(s) to the KYTC for the appropriate applicable structure(s). The Structure Design will be performed by the Department.

#### **XIII. TRAFFIC**

The Department will provide all necessary Traffic Projections and related information required for this project.

#### **XIV. PREQUALIFICATION REQUIREMENTS**

To respond to this project, the consultant project team must be prequalified in the following areas by the date of this advertisement.

#### **ROADWAY DESIGN**

- [Rural Roadway Design < \\$300,000](#)
- [Surveying](#)

#### **XV. PROCUREMENT SCHEDULE**

Dates other than Response Date are tentative and provided for information only.

RESPONSE DATE • April 11<sup>th</sup>, 2012 4:30 p.m. E.S.T. (Frankfort time)

FIRST SELECTION COMMITTEE • April 16<sup>th</sup>, 2012

SECOND SELECTION COMMITTEE • May 7<sup>th</sup>, 2012

PRE-DESIGN CONFERENCE • May 14<sup>th</sup>, 2012

TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL • June 1<sup>st</sup>, 2012

CONTRACT NEGOTIATIONS • June 15<sup>th</sup>, 2012

NOTICE TO PROCEED • August 1<sup>st</sup>, 2012

**XVI. PROJECT SCHEDULE**

The following Project Schedule applies to both Calloway 1-1132.00 and Graves 1-1137.00

PRELIMINARY LINE AND GRADE • February 1, 2013

FINAL JOINT INSPECTION • August 1, 2013

RIGHT-OF-WAY/UTILITY PLANS • October 1, 2013

FINAL PLANS • May 1, 2015

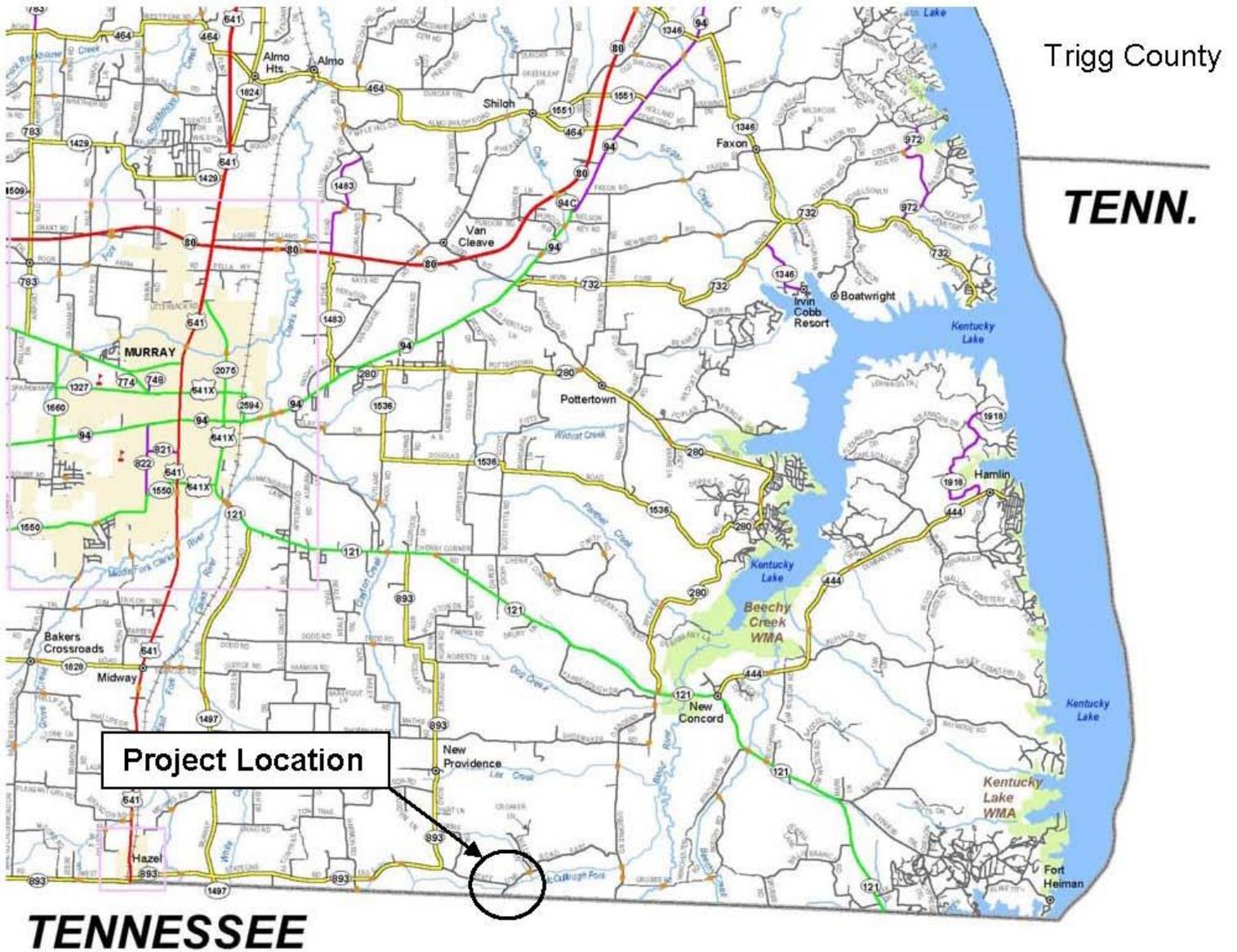
**XVII. EVALUATION FACTORS**

1. Relative experience of consultant personnel assigned to project team with highway projects for KYTC and/or federal, local or other state governmental agencies. (10 points)
2. Capacity to comply with project schedule. (10 points)
3. Past record of performance on project of similar type and complexity. (10 points)
4. Project approach and proposed procedures to accomplish the services for the project. (10 points)
5. Consultant's offices where work is to be performed. (2 points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

**XVIII. SELECTION COMMITTEE MEMBERS**

1. Susan Oatman, PE, User Division
2. David Martin, PE, User Division
3. Marvin Wolfe, PE, Secretary's Pool
4. Deanna Miller, PE, Secretary's Pool
5. Buddy Smith, PE, Governor's Pool



Item No. 1-1132

KY 893, Calloway County

Bridge Replacement over McCullough Fork

